

Title (en)

DEVICE FOR REGULATING THE ROTATION OF A SHAFT, IN PARTICULAR IN THE AUTOMOBILE FIELD

Title (de)

VORRICHTUNG ZUR REGELUNG DER DREHBEWEGUNG EINER WELLE, INSBESONDERE FÜR DEN AUTOMOBILSEKTOR

Title (fr)

DISPOSITIF DE REGULATION DE LA ROTATION D'UN ARBRE, NOTAMMENT DANS LE DOMAINE AUTOMOBILE

Publication

EP 3080478 A1 20161019 (FR)

Application

EP 14814937 A 20141120

Priority

- FR 1362320 A 20131209
- FR 2014052973 W 20141120

Abstract (en)

[origin: WO2015086938A1] The invention concerns a device (10) for regulating the rotation of a shaft subjected to N torque fluctuations per revolution, said device comprising: - a cam (12) provided with an axis of rotation (14), intended to be rigidly connected to the shaft such that the axis of rotation of same coincides with that of the shaft, said cam (12) having N lobes (13), - a control tappet (16) carried by a pin (18) actuated with time phase difference of T/2N relative to a tappet 15 intended for the operation of a member of the engine. This tappet (16), which is mobile in translation along the pin (18) of same, is held pressed against the cam (12) by a bearing system configured to exert a regulated force on said tappet (16) during the rotation of the cam (12).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2015086938A1

Citation (examination)

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